

DEC 19 2005

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**SCULLY, SCOTT, MURPHY
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|---------------|---------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------------------|
| To: | Examiner: Ernest G. Therkom Group Art Unit: 1723 Confirmation No.: 4418 | From: | Leopold Presser, Esq. |
| Fax: | 571-273-8300 | Pages: | 7 (Including fax cover sheet) |
| Phone: | | Date: | December 19, 2005 |
| Re: | Applicants: Hannu Paananen, et al. U.S. Patent Application No. 10/787,041 Filing Date: February 25, 2004 Docket: 16307 | CC | |

RESPONSE TO RESTRICTION REQUIREMENT**TRANSMITTED HEREWITH:**

1. Combined Amendment and Petition for Extension of Time Transmittal Letter (in duplicate);
2. Response to Restriction Requirement; and
3. Certificate of Facsimile Transmission, dated December 19, 2005 (in duplicate).


FOR:

Applicants: Hannu Paananen, et al.
U.S. Patent Application No. 10/787,041
Filing Date: February 25, 2004
Docket: 16307

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| CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8) | | | Docket No. 16307 |
| Applicant(s): Hannu Paananen, et al. | | | |
| Application No. 10/787,041 | Filing Date February 25, 2004 | Examiner Ernest G. Therborn | Group Art Unit 1723 |
| Invention: SEPARATION METHOD | | | |
| CONFIRMATION NO.: 4418 | | | |
| <p>I hereby certify that this <u> RESPONSE TO RESTRICTION REQUIREMENT </u> <i>(Identify type of correspondence)</i></p> <p>is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. <u>571-273-8300</u>)</p> <p>on <u>December 19, 2005</u> <i>(Date)</i></p> <div style="text-align: right;"><p><u>Leopold Presser</u> <i>(Typed or Printed Name of Person Signing Certificate)</i></p><p> <i>(Signature)</i></p></div> | | | |
| <p>Note: Each paper must have its own certificate of mailing.</p> | | | |

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| TRANSMITTAL LETTER (General - Patent Pending) | | | | Docket No. 16307 | |
| In Re Application Of: Hannu Paananen, et al. | | | | | |
| Application No. 10/787,041 | Filing Date February 25, 2004 | Examiner Ernest G. Therkorn | Customer No. 23389 | Group Art Unit 1723 | Confirmation No. 4418 |
| Title: SEPARATION METHOD | | | | | |
| <u>COMMISSIONER FOR PATENTS:</u> | | | | | |
| Transmitted herewith is: Response to Restriction Requirement | | | | | |
| in the above identified application. | | | | | |
| <input checked="" type="checkbox"/> No additional fee is required. | | | | | |
| <input type="checkbox"/> A check in the amount of _____ is attached. | | | | | |
| <input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. 19-1013/SSMP as described below. | | | | | |
| <input type="checkbox"/> Charge the amount of _____ | | | | | |
| <input checked="" type="checkbox"/> Credit any overpayment. | | | | | |
| <input checked="" type="checkbox"/> Charge any additional fee required. | | | | | |
| <input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached. | | | | | |
| WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | |
| _____ <i>Signature</i> Leopold Presser Registration No. 19,827 Correspondence Address Customer No. 23389 | | | Dated: December 19, 2005 | | |
| cc: LP:jy | | | <div style="border-bottom: 1px solid black; margin-bottom: 5px;">I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 [37 CFR 1.8(a)] on _____</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">(Date)</div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;">Signature of Person Mailing Correspondence</div> <div style="border-bottom: 1px solid black;">Typed or Printed Name of Person Mailing Correspondence</div> | | |

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| TRANSMITTAL LETTER (General - Patent Pending) | | | | Docket No. 16307 | | | | | | | | | |
| In Re Application Of: Hannu Paananen, et al. | | | | | | | | | | | | | |
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| in the above identified application. | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> No additional fee is required. | | | | | | | | | | | | | |
| <input type="checkbox"/> A check in the amount of _____ is attached. | | | | | | | | | | | | | |
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| <input type="checkbox"/> Charge the amount of _____ | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> Credit any overpayment. | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> Charge any additional fee required. | | | | | | | | | | | | | |
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| _____ <i>Signature</i> Leopold Presser Registration No. 19,827 Correspondence Address Customer No. 23389 cc: LP:jy | | | Dated: December 19, 2005 | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"><tr><td colspan="2">I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____</td></tr><tr><td colspan="2" style="text-align: center;">(Date)</td></tr><tr><td colspan="2" style="text-align: center;">_____ Signature of Person Mailing Correspondence</td></tr><tr><td colspan="2" style="text-align: center;">_____ Typed or Printed Name of Person Mailing Correspondence</td></tr></table> | | | | | | I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____ | | (Date) | | _____ Signature of Person Mailing Correspondence | | _____ Typed or Printed Name of Person Mailing Correspondence | |
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| (Date) | | | | | | | | | | | | | |
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| _____ Typed or Printed Name of Person Mailing Correspondence | | | | | | | | | | | | | |

P16A/REV03

DEC 19 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**Applicants:** Hannu Paananen, et al.**Examiner:** Ernest G. Therkorn**Serial No.:** 10/787,041**Group Art Unit:** 1723**Filed:** February 25, 2004**Docket:** 16307**For:** SEPARATION METHOD**Dated:** December 19, 2005**Confirmation No.:** 4418Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450**RESPONSE TO RESTRICTION REQUIREMENT**

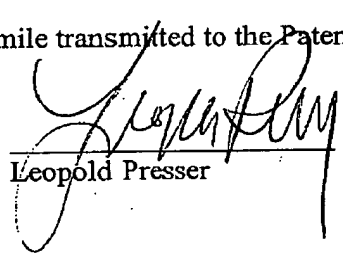
Sir:

In response to the Restriction Requirement of November 21, 2005, applicants submit the following in full compliance with the Examiner's requirements.

Pertaining to the restriction to a single disclosed invention under 35 U.S.C. §121, applicants herewith provisionally elect Group I, comprising Claims 1-39, drawn to an SMB system.

CERTIFICATION OF FACSIMILE TRANSMISSION

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Dated: December 19, 2005
Leopold Presser

However, in connection with the foregoing, applicants also note that Group II, comprising Claim 40, drawn to a separation process, is particularly adapted to be implemented through the intermediary of the system of Claims 1-39. Although, conceivably, the system can be applied to different processes, in essence, the system was designed to be utilized in implementing the process of Claim 40, and conversely, Claim 40 was adapted to be utilized in conjunction with the system of Claims 1-39. In view of the foregoing, applicants respectfully request that Claim 40 be examined in the present application as being directed to a process that is implemented by the inventive SMB system and possesses the necessary unity of invention.

Furthermore, in connection with applicants' election requirement of a single disclosed species, in addition to the claims, which are deemed to be generic, in effect, Claims 1-40, applicants respectfully indicate as follows:

With regard to Election I of a single species, applicants elect the species of a strong cation exchange resin in a monovalent metal form. In this connection, the claims, which specifically read on this species, are Claims 7-11.

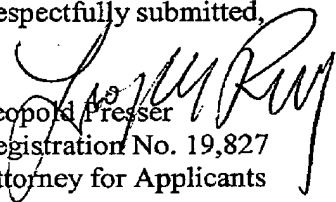
With regard to Election II of a particular species wherein the solution is to be fractionated, applicants elect a beet derived juice, which covers, for example, molasses and vinasse. The species, which is specifically directed to the foregoing, is set forth in Claim 37, as elected herewith.

Finally, with regard to the species of Election III, pertaining to the product which is to be recovered, applicants elect betaine, as set forth in Claim 39.

Accordingly, inasmuch as applicants have fully complied with the Restriction Requirement, as requested by the Examiner, the early and favorable examination of the application on the merits is earnestly solicited.

However, in the event that the Examiner has any queries concerning foregoing elections, applicants' attorney respectfully requests that he be accorded the courtesy of possibly a telephone conference to discuss any matters in need of attention.

Respectfully submitted,


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Attorney for Applicants

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